

**FILING RECEIPT**

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/546,213	04/10/2000	3712	950	392.1682/JDH	10	7	2

21171  
STAAS & HALSEY LLP  
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WASHINGTON, DC 20231

Date Mailed: 08/11/2000

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**Applicant(s)**

Atsushi Watanabe, Tokyo, JAPAN;  
Taro Arimatsu, Yamanashi, JAPAN;

**Continuing Data as Claimed by Applicant****Foreign Applications**

JAPAN 101890/1999.04/08/1999

If Required, Foreign Filing License Granted 06/14/2000

**Title**

Teaching model generating device

**Preliminary Class**

434

Data entry by : BATES, DIANA

Team : OIPE

Date: 08/11/2000

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**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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No. 096390

Mailed: April 24, 2001

Reason for Rejection

Serial No. 101890/1999  
Drafted: March 29, 2001,  
Examiner: Kosaku Tamura  
Attorney: Shoji Takemoto et al.  
Japanese Patent Law Section 29(2).

The present application is to be rejected by the following reasons. If the applicant has any opinion against those reasons, he/she may submit arguments within 60 days from the mailing date of this communication.

Reasons

The claimed invention is not patentable in view of Japanese Patent Law Section 29(2) because it is obvious from the following documents.

Note

For claims 1

Cited document: 1, 2

Remarks;

Document 1 discloses a teaching model generating device for generating a teaching model for image processing for detecting position and attitude of any one object from among a plurality of objects arranged with various attitudes, in which models are produced in a manner such that an image pattern which varies dependent upon the three-dimensional attitude of the object can be obtained for various image patterns divided.

Document 2 discloses generation of a teaching model by photographing an object from a plurality of directions by moving a camera mounted on a robot to an image picking-up position.

For claims 2-5

Cited document: 1-4

Remarks;

Documents 2 and 3 disclose a pair of robots in which one robot mount an image picking-up device while the other robot holds an object.

For claims 6

Cited document: 1-62

Remarks;

Document 5 discloses a three-dimensional vision sensor which detects a distance between an image picking-up device and an object at a plurality of points.

List of Cited Documents

1. JP 7-319525 A
2. JP 7-318327 A
3. JP 4- 75887 A
4. JP62- 57884 A
5. JP 7-270137 A

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Record of Search for Prior Art

Field searched: IPC version 7

B25J 9/22, B25J 13/08, G05B 19/42

Prior Art found:

This Record does not constitute a reason of rejection.